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TOPONYMIC DATA FILES: DATA ELEMENTS REQUIRED

Database of geographical names from the territory of the Slovak Republic

Paper submitted by Slovakia**

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** Prepared by Mária Kováčová, Geodetic and Cartographic Institute, Bratislava, Slovakia.

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Database of geographical names from the territory of the Slovak Republic

In 1995 in the branch of the Authority of Geodesy, Cartography and Cadastre of the Slovak Republic (hereinafter referred to as „ÚGKK" or „Authority") the creation of computer-aided database of geographical names from the territory of the Slovak Republic started on the basis of a new project in the extent of BM at a scale 1:10 000 (hereinafter referred to as BM 10).
The database is made up of the file of names of all named non-residential objects BM 10, which were standardized by the Authority in the years 1983-1994 and published in the edition United Nations Geographical Gazetteers of the Slovak Republic, as well as names of municipalities and their parts. The gazetteers were published by individual districts of the Slovak Republic. As a source of information of the names of municipalities and parts of municipalities serves the statistical lexicon of municipalities of the Slovak Republic, published by Statistical Bureau of the Slovak Republic in cooperation with the Ministry of the Interior of the Slovak Republic.
All names of non-residential and residential objects, which are not administrative units, are located according to cadastral area, municipality, district and county. All names of administrative units, it means the names of cadastral units, municipalities, municipality parts and districts are located according to all administrative unit of higher order. At the same time to all names are alocated geographical coordinates, which are determined by interpolation using template with the precision up to 5 ".
All names of hills, vallies and saddles are classed into orographic units according to valid orographic division of Slovakia. Water course names are classed into water sheds according to systematic water management division.

Input form for each database object contains the following items:

- the name of a county
- the code of a county
- the name of a district, abbreviation of a district
- the code of a district
- the name of a municipalitu
- the code of a municipality
- the name of a cadastral area
- the code of a cadastral area
- standardized name
- the date of standardization
- possible previous standardized form of a name
- the duration of validity of the previous standardized form of a name
- feature, abbreviation of the feature
- occurance in BM 10 map sheets
- classification regarding the orographic unit
- the code of an orographic unit
- classification regarding the watershed
- the code of a watershed
- complementary data (spot height)
- geographical coordinates

Software makes possible both the output of all files of names with all items entering the database and variable outputs according to single items or optional combination of loaded

items. Further it enables the searching of names according to optional configuration of speech-sounds in optional part of the name, or, as the case may be, in multi-word names the searching according to single words in a name.
Utility is made in two versions. 1st version serves the database administrator who provides adding and updating the data and at the same time uses the database for various purposes. 2nd version of the program, which does not allow to change data, is provided to all who are interested in database exploitation.
The database is updated as a routine after checking the changes and closing the standardized procedure by the decision on the standardization of changed name.
Wide range of possibilities how to manipulate the names allows to exploit the database not only for the purpose of cartographic work creation, but is also a base for onomastic change.
Until 1 September 1997 partial database was created in the range of 23 districts from the total number of 79. Completed districts are Bánovce nad Bebravou, Banská Bystrica, Brezno, Bytča, Hlohovec, Kežmarok, Komárno, Liptovský Mikuláš, Malacky, Nitra, Partizánske, Pezinok, Piešťany, Poprad, Rimavská Sobota, Ružomberok, Senica, Skalica, Stará Ľubovňa, Topoľčany, Trebišov, Trnava and Žilina. Data from the database may be distributed to those interested by means of printed sets or floppy discs.
Either all database or the data from chosen territory of SR may be provided to the applicant.
At present the database of names is not linked to the digital basic map of scale 1:10 000, which so far is just being created too. In the near future the linkage of the database of names to this map, using common software, is planned.